



Monochrome and Colour models

Monochrome models offering good low-light capability and response to Infra-red illumination

Colour models in standard and high resolutions

Variable focus lenses

Integrated Auto-iris mechanism on some models

Lenses

Variable Focus

F=	Approx.
(mm)	Diagonal
4.0	80°
8.0	40°

The DC lens is mounted onto the PCB and ready connected by a short lead.

PCB camera modules

**Compact circuit board cameras.
Integrated Variable Focus lenses.**



Connection

The cameras are fitted with a 5-inch, 3-wire lead. Audio equipped models have a 4-wire lead. These tinned leads are for power, ground and video signal connections plus audio signal where applicable.

The picture output is a standard PAL composite video signal. (1V p-p)
The audio output is a standard line-level signal (1V p-p)

The signals share a common ground connection that is also the 0V level for the power supply.

Model	B686V	B686HVAI	CS202V	CB70V	CB60HVAI
	Monochrome	Monochrome	Colour	Colour	Colour
Interline Transfer CCD	1/3"	1/3"	1/4"	1/3"	1/3"
Horizontal Resolution	380 TVL	570 TVL	330 TVL	330 TVL	450 TVL
Light Sensitivity	0.2 Lux	0.2 Lux	3 Lux	2 Lux	2 Lux
Signal to Noise Ratio	>45 dB	>45 dB	>45 dB	>46 dB	>46 dB
Iris / Exposure	Electronic	Mechanical Auto-iris DC	Electronic	Electronic	Mechanical Auto-iris DC
Lens housing	Vari 4-8 mm	Vari 4-8 mm	Vari 4-8 mm	Vari 4-8 mm	Vari 4-8 mm
Board size	38 x 38mm	38 x 38mm	32 x 32 mm	38 x 38 mm	38 x 38mm

Signal	Composite Video into 75 Ohm	Operating Temperature	-10 to +55 °C
Gamma Correction	0.45	Storage Temperature	-20 to +70 °C
Auto Exposure	Electronic (1/50-1/80,000 sec)	Air Humidity	Maximum 85%

These cameras require a regulated 12V DC power supply.

These modules may be susceptible to static discharges and the dislocation of surface components. Handle with care taking the appropriate precautions.

Not suitable for use without protective encasement.

Whilst every effort has been made to ensure the accuracy of the information provided, no liability can be undertaken for any errors or omissions. All dimensions stated in this document are approximate. Stortech Electronics Ltd reserves the right to alter the specifications and introduce improvements without prior notice.

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